

MIG DHMb® Lining System  
For exterior application

## MIG-ESP® Rooflect



### Product description

MIG-ESP® Rooflect can be applied with paint rollers, brushes or MIG-Zip 52 spraying unit.

MIG-ESP® Rooflect can be used with an appropriate primer on a variety of substrates in the entire outdoor area. MIG-ESP® Rooflect is the finish coat specifically for roofs and similar constructions. MIG-ESP® Rooflect must not be used on surfaces that are under water for a long time. The gradient must be at least 2 %.

The MIG-ESP®- colour chart offers a wide range of colour choices.

#### Technical consultation services

Email: [info@migpacific.com.au](mailto:info@migpacific.com.au)



### Processing and substrate pretreatment

MIG-ESP® Rooflect is fast-drying and odourless during application.

Before processing, stir the material mechanically for approx. 3 minutes. Cover all adjacent components well or protect against splashes.

Do not use in direct sunlight, rain or high relative air humidity.

Spread MIG-ESP® Rooflect evenly with suitable rollers, brushes or MIG-Zip 52 spraying unit. The nozzle size should be 2.5 mm depending on use. Do **not** mix MIG-ESP® Rooflect with other materials during processing with rollers or brushes. When using spraying tools, a dilution with drinking water or MIG-ESP® Sealing Primer of max. 5 % is recommended for better processing. The object and ambient temperature must not be below + 5°C and not above + 35°C during application. Shade from the sun whenever possible when exposed to summer temperatures. Surface drying can be achieved after only approx. 30 minutes. The dry-through time for each of the two coating processes is approx. 24 hours under normal conditions (+ 20°C/65 % relative air humidity). Lower temperatures and higher relative air humidity may extend the dry-through time.

The substrate must be dry, solid, free of dust and loose parts or release agents. A priming coat with MIG-ESP® Rooflect Primer is required.

➤ A layer thickness of 0.4 mm is required to achieve the full effectiveness of the MIG DHMb® Lining Technology! When applying MIG-ESP® Rooflect with a roller or a brush, experience has shown that two coats are necessary for the required layer

thickness. When applying tinted MIG-ESP® Rooflect, MIG-ESP® Rooflect, White must be used as the first coat prior to the second coat which is tinted.

**Any structural defects or damages must be remedied before application!**

## Coating procedure

1. Substrate preparation	Substrate must be dry, free of dust, rust, loose parts and release agents.
2. Apply primer	Depending on substrate, apply MIG-ESP® Rooflect Primer.
3. Stir	Stir MIG-ESP® Rooflect with an electric stirrer for approx. 3 minutes until the texture is creamy, thixotropic
4. First coat	Spread MIG-ESP® Rooflect, White evenly <b>in a crosswise motion</b> and as a final step, roll in one direction
5. Drying time	24 hours drying time between both coating processes
6. Second coat	Spread MIG-ESP® Rooflect, White or tinted evenly <b>in a crosswise motion</b> and as a final step, roll in one direction

## Technical data

solvent-free, environmentally friendly and odourless

for longer open times (e.g. at high temperatures), MIG-ESP® Rooflect can be diluted with MIG-ESP® Sealing Primer up to 5 %

water-repellent, microporous and non film-forming

building material class A2 (non-flammable), DIN 4102, Part 1 (May 1998)

highly water vapour permeable (sD -value 0.05 m ± 0,02 according to EN ISO 7783-2) equivalent to V1

capillary water absorption w-value after 24 hours 0.05 Kg m<sup>2</sup>h<sup>0.5</sup> according to DIN EN 1062-3 (W3)

highly resistant to UV-A

## Consumption

Depending on the type and porosity of substrate, approx. 0.2 - 0.3 L/m<sup>2</sup> with a single coat of paint.

**➔ Rough or highly absorbent surfaces can increase consumption. Exact consumption quantities can be determined by creating test areas.**

## Cleaning

Clean tools thoroughly with water after use. The containers must be emptied completely and recycled.

## Storage

At least 12 months shelf life from date of sale if stored dry, frost-free and cool under proper conditions in original sealed containers. Tinted goods must be processed within 3 months.

## Packaging

5 / 15 L plastic buckets  
1,000 L IBC

## Customs tariff number

32099000

## MIG DHMb® Lining System – Products

### Primers

MIG-ESP® Sealing Primer  
MIG-ESP® Special Primer  
MIG-ESP® Primer quartz-filled  
MIG-ESP® Rooflect Primer

### Plasters

MIG 262  
MIG Therm M 65  
MIG Therm L 14

### Finish coats

MIG-ESP® Interior  
MIG-ESP® Interior Anti-Microbial  
MIG-ESP® Exterior  
MIG-ESP® Rooflect

## Legal information

The information in this publication is based on our current technical knowledge and experience. Due to the abundance of possible influences during the processing and application of our products, they do not release the user from his own tests and trials and are only general guidelines. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from this. Any industrial property rights as well as existing laws and regulations must always be observed by the user on his own responsibility. With the publication of this data sheet, all previous data sheets lose their validity.

The innovative thin-layer insulation is a new state of the art and therefore cannot be tested with existing standards (the current state of technology)! MIG has adopted the test method developed by Burkhard Brandt to calculate the correct U-value for thin-layer insulation.